ZINC PHLOEM™

ORGANICALLY COMPLEXED LIQUID ZINC

DESCRIPTION
ZINC PHLOEM™ is an organically complexed zinc (Zn) fertiliser for enhanced uptake and assimilation.

KEY BENEFITS
- ZINC PHLOEM™ contains organically complexed zinc
- Suitable to be used on a wide range of crops
- Single element application to correct zinc deficiencies
- Improves photosynthesis, respiration, and enzymatic processes
- Essential for young active growing leaves and flowering
- Suitable for use in combination with other micronutrients
- Can be used as a foliar or fertigation application

CONTAINS
(N% - P% - K% - S%)
(0 - 0 - 0 - 0)

Zn - 18.35 % W/V

POSITIONING AND FUNCTIONS
ZINC PHLOEM™ is a single element product, formulated with various organic complexing agents to improve the uptake and assimilation. This single-element product is ideal for zinc deficiencies and to target critical phenological stages with a higher zinc requirement for a wide variety of crops.

Complexing agents in ZINC PHLOEM™ ensure efficient leaf uptake, as well as facilitating phloem loading and unloading. This increases the movement of nutrients from source to sink organs, as well as facilitating assimilation of nutrients within sink tissues.

Zinc is a vital micronutrient that serves as a functional, structural, or regulatory cofactor in a variety of enzymes. Zinc-activated plant enzymes are implicated in the preservation of cellular membranes, protein synthesis, auxin regulation, and pollen formation. ZINC PHLOEM™ will provide zinc that is also vital for both for the creation of carbohydrates and for the production and transformation of starches.

Zinc also assists with mediating abiotic stresses in the plant through the regulation and maintenance of gene expression. Zinc deficiencies may affect the plant by stunting its growth, decreasing the number of tillers, chlorosis on smaller leaves, increasing crop maturity period, and lower yields and quality. Soil conditions that are most conducive to zinc deficiencies are: calcareous soils, sandy soils, peat soils and soil with a high phosphorus and silicon content.

REGION
NEW ZEALAND

TYPE
Liquid

APPLICATION
- Foliar
- Fertigation

PACKAGING
20 ℓ, 200 ℓ, 1000 ℓ

CROPS
- Berries
- Broadacre crops
- Cotton
- Fruit trees and vines
- Kiwis
- Pastures
- Tree nuts
- Vegetables

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